

CLAIMS

What is claimed is:

1. A safety electric heating cooker comprises an outer shell and a cooker bowl, wherein, said cooker further comprises interlaid backstops which are made of heat-resistant materials; said backstops are installed between said outer shell and said cooker bowl, whereby air gap is generated between said outer shell and said
5 cooker bowl.
2. A safety electric heating cooker according to Claim 1, wherein said backstops may be a ring installed on said outer shell.
3. A safety electric heating cooker according to Claim 1, wherein said backstops may be constructed by at least two pieces of blocks annularly distributed on said outer shell.
4. A safety electric heating cooker according to Claim 2, wherein said backstops may be installed on the top of said outer shell, and the top brim of said cooker bowl is folded outwards, by which said cooker bowl is hanged on said backstops.
5. A safety electric heating cooker according to Claim 3, wherein said backstops may be installed on the top of said outer shell, and the top brim of said cooker bowl is folded outwards, by which said cooker bowl is hanged on said backstops.

6. A safety electric heating cooker according to Claim 2, wherein said backstops may be installed on the inner surface or at the bottom of the inner surface of said outer shell; said cooker bowl is shrunk radially at its bottom part which is in the shape of a step or a conical cylinder, and said cooker bowl is supported on said backstops.
7. A safety electric heating cooker according to Claim 3, wherein said cooker bowl is shrunk radially at its bottom part which is in the shape of a step or a conical cylinder, said backstops are installed on the inner surface or at the bottom of the inner surface of said outer shell correspondingly, said cooker bowl is supported on
5 said backstops.
8. A safety electric heating cooker according to Claim 2, wherein said backstop is made of plastics, said backstop is integrated to said outer shell by twice molding.
9. A safety electric heating cooker according to Claim 3, wherein said backstop is made of plastics, said backstop is integrated to said outer shell by twice molding.